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A CATALOGUE  
OF THE  
MODELS, MACHINES, &c.

*Received since the Publication of the Thirty-Ninth Volume of  
the Society's Transactions.*



IN AGRICULTURE.—CLASS I.

**M**ESSRS. Cowley and Staines's Specimens of Opium, of the Poppy-seed, and of the Oil, together with the Implements employed in the cultivation of the Plants, and extraction of the Opium. See page 9.

Mr. Arthur Biddle's Hay Borer. See page 36.

IN POLITE ARTS, CLASS.—II.

Two Impressions, from Mr. Lupton's Engraving in Mezzotinto on soft Steel. See page 40.

IN CHEMISTRY AND MINERALOGY, CLASS.—III.

Specimens of Mr. Meigh's Glaze for Vessels of common Red Earthenware. See page 44.

Specimens of Stones used in Tuscany for grinding fine Flour, from Mr. Henry Willey Reveley. See page 47.

## IN MECHANICS.—CLASS IV.

Mr. R. Pering's Wrought-Iron Gun - Carriage. See page 54.

Mr. G. Holditch's Life Beacon. See page 61.

Mr. C. Goodwin's Bridle Bit. See page 66.

Mr. J. Millikin's Improved Bistoury. See page 69.

Mr. R. Pike Littlewort's Ship's Compass. See page 70.

Captain Gordon's Apparatus for converting a Ship's Boat into a Life Boat. See page 73.

Mr. Watson's Boards, showing the System of Musical Notation for the use of the Blind. See page 78.

Mr. Robert Thom's Hydraulic Apparatus. See page 81.

Mr. C. A. Busby's Hydraulic Orrery. See page 98.

Mr. W. Wynn's Improved Hammer for Turret Clocks. See page 105.

Mr. E. Baker's Regulating Screw, for the Main Spring of Muskets, and other Fire-arms. See page 118.

Mr. Wm. Hookey's Coffer for Repairing Ships Afloat. See page 122.

Mr. J. H. Abraham's Magnetic Guard for Needle Pointers. See page 135.

Mr. George Savage's Detached Escapement. See page 151.

Mr. S. Bowler's Rat Trap. See page 154.

Mr. E. Wigzell's Instrument for Marking a Ship's place in a Chart. See page 158.

Mr. Wm. Bailey's Improved Mode of Opening and Shutting Church Windows. See page 173.

IN MANUFACTURES.—CLASS V.

Mr. Stephen Marshall's Improved Block for Calico-printers. See page 178.

Mr. E. Richards, Improvement in the Silk Weaver's Draw-Boy. See page 181.

Mr. J. Thompson's Silk Ribbon Loom, and Specimens of the Work. See page 195.

Specimens of Mr. J. Parry's Straw and Plat. See page 222.

Samples of American Grass in its raw, bleached, and manufactured state, from Miss Sophia Woodhouse. See page 217.

IN COLONIES AND TRADE —CLASS VI.

Specimen of fine Broad Cloth, made entirely of Wool from New South Wales, from Mr. T. Starkey. See page 230.

Specimens of Sea Elephant oil, from J. Raine, Esq. See page 238.

**ENGRAVINGS.**